

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 30740/285902
INTERNATIONAL APPLICATION NO. PCT/GB03/02529		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/518182</b>
INTERNATIONAL FILING DATE 11 June 2003	PRIORITY DATE CLAIMED 18 June 2002	
TITLE OF INVENTION      Display Driver Circuits		
APPLICANT(S) FOR DO/EO/US      Paul R. ROUTLEY and Euan C. SMITH		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))		
a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input checked="" type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).		
9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input checked="" type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		
20. <input checked="" type="checkbox"/> Other items or information: International Search Report; return receipt postal card		

PTO-1390 (Rev. 12-2004)  
Approved for use through 03/31/2007. OMB 0651-0021  
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known; see 37 CFR 1.5) <b>10510102</b>		INTERNATIONAL APPLICATION NO. <b>PCT/GB03/02529</b>		ATTORNEY'S DOCKET NUMBER <b>30740/285902</b>	
21. The following fees are submitted:					
<input checked="" type="checkbox"/>	a) Basic national fee .....		\$300.00	\$	300.00
<input checked="" type="checkbox"/>	b) Examination fee .....		\$200.00	\$	200.00
<input checked="" type="checkbox"/>	c) Search fee .....		\$500.00	\$	500.00
TOTAL OF ABOVE CALCULATIONS =			\$1000.00	\$	1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	31 - 20 =	11	x 50.00	\$	550.00
Independent claims	3 - 3 =	0		\$	
MULTIPLE DEPENDENT CLAIM(s) (if applicable)				\$	
TOTAL OF ABOVE CALCULATIONS =				\$	1,550.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.					
SUBTOTAL =				\$	1,550.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).				\$	
TOTAL NATIONAL FEE =				\$	1,550.00
Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per recording.				\$	
TOTAL FEES ENCLOSED =				\$	1,550.00
				Amount to be refunded:	\$ 1,550.00
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,550.00</u> to cover the above fees is enclosed.					
b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.					
c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>13-2855</u> . A duplicate copy of this sheet is enclosed.					
d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
				SIGNATURE	<u>James P. Zeller</u>
				NAME	
CUSTOMER NUMBER: 04743				28,491	REGISTRATION NUMBER

0/518182

DT01 Rec'd PCT/PTC PATENT 16 DEC 2004

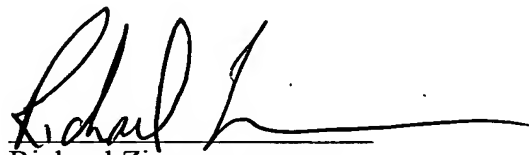
**IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE**

Applicants: Routley et al.	)	For: DISPLAY DRIVER CIRCUITS
	)	
U.S. National Phase of	)	Group Art Unit: To be assigned
PCT/GB03/02529 filed June 11, 2003	)	
	)	Examiner: To be assigned
Filed: Herewith	)	
	)	
	)	
	)	

**CERTIFICATION UNDER 37 C.F.R. § 1.10**

I hereby certify that the attached five items (a) through (e) are being deposited with the United States Postal Service on December 16, 2004, in a postage-paid envelope addressed to Commissioner for Patents, Mail Stop PCT, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV323770892US.

- (a) Transmittal letter to the United States Designated/Elected Office (DO/EO/US) concerning a filing under 35 U.S.C. §371;
- (b) Application, including 30 sheets of description, five sheets of claims, and 10 sheets of drawings;
- (c) Preliminary Amendment;
- (d) Information Disclosure Statement; and
- (e) International Search Report.

  
Richard Zimmermann

10/518182  
DT01 Rec'd PCT/PTC 16 DEC 2004

## FEE SUMMARY SHEET

### Transmittal to US Designated-Elected Office (PTO 1390)

Date: December 16, 2004  
Time: 8:02 AM  
Docket: 30740/285902

Filing Date: Concurrently Herewith  
Application No: Not Yet Assigned  
Total Fee: \$ 1,550.00

Code	Amount	37 CFR	Fee Description	Listed on
1631	300.00	1.492	Basic National Stage fee	Transmittal to US Designated-Elected Office (PTO 1390)
1632	500.00	1.492	National Stage search fee	Transmittal to US Designated-Elected Office (PTO 1390)
1633	200.00	1.492	National Stage examination fee	Transmittal to US Designated-Elected Office (PTO 1390)